

13049 U.S. PTO
031604

As modified by Blakely, Sokoloff, Taylor & Zafman LLP

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PTO/SB/05 (03-01)

U.S. PTO
17858 10/802519
031604

UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 16820.P279
(maximum 12 characters)

First Named Inventor Dinesh Annaya

Title: CYCLICAL REDUNDANCY CHECK USING NULLIFIERS

Express Mail Label No. EV409361271US

ADDRESS TO: Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original and a duplicate for fee processing)

2. **Applicant Claims Small Entity Status. (37 CFR 1.27)**

3. **Specification (Total Pages 28)**
(preferred arrangement set forth below)
- Descriptive Title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. **Drawings(s) (35 USC 113) (Total Sheets 5)**

5. **Oath or Declaration (Total Pages 7)**

a. Newly Executed (Original or Copy)
b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 18 completed)
i. **DELETIONS OF INVENTOR(S)** Signed statement attached deleting
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)
and 1.33(b).
c. Unsigned.

6. **Application Data Sheet. (37 CFR 1.76)**

7. **CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)**

8. **Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)**

a. Computer Readable Form (CRF)

b. **Specification Sequence Listing on:**
i. CD-ROM or CD-R (2 copies); or
ii. paper

c. **Statement verifying identity of above copies**

ACCOMPANYING APPLICATION PARTS

9. **Assignment Papers (cover sheet & documents(s))**

10. a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)

11. b. Power of Attorney

12. English Translation Document (if applicable)

13. a. Information Disclosure Statement (IDS)/PTO-1449

14. b. Copies of IDS Citations

15. **Preliminary Amendment**

16. **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**

17. Certified Copy of Priority Document(s) (if foreign priority is claimed)

18. **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**

19A. Other: Certificate of Express Mail with copy of postcard showing contents of Express Mail package.

17B. Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet Under 37 C.F.R. 1.76:

Continuation Divisional Continuation-in-part (CIP)
Of Prior Application No.: _____ Examiner _____ Group Art Unit _____
(which is a continuation/ divisional/ CIP of prior application no. _____,
which is a continuation/ divisional/ CIP of prior application no. _____) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.
For **CONTINUATION AND DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. **Correspondence Address**
 Customer Number or Bar Code Label _____
here) or (Insert Customer No. or Attach Bar Code Label _____
 Correspondence Address Below
NAME Daniel E. Ovanezian
ADDRESS BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
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Seventh Floor
CITY Los Angeles STATE California ZIP CODE 90025-1026
Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-8383

Name (PRINT/TYPE): Daniel E. Ovanezian Registration No.: 41,236
Signature: Daniel E. Ovanezian Date: 3/16/04

"Express Mail" mailing label number: EV409361271US

Date of Deposit: 3/16/04

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

JUANITA BURSCO

(Typed or printed name of person mailing paper or fee)

Juana B. Burasco
(Signature of person mailing paper or fee)

3/16/04
(Date signed)

Serial/Patent No.: 16820-P279 Filing/Issue Date: 3/16/04

Client: APPRENTISS SEMICONDUCTOR CORPORATION
Title: CYCLICAL REDUNDANCY CHECK USING NULLIFIERS

BSTZ File No.: 16820-P279 Atty/Secty Initials: DEO/JB
Date Mailed: 3/16/04 Docket Due Date: _____

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

Amendment/Response (____ pgs.) Express Mail 409361271US Check No. 63513
 Appeal Brief (____ pgs.) _____ Month(s) Extension of Time 4 Check No. 63514
 Application - Utility (____ pgs., with cover and abstract) Information Disclosure Statement & PTO-1449 (____ pgs.) Amt: \$806
 Application - Rule 1.53(b) Continuation (____ pgs.) Issue Fee Transmittal Transmittal Letter, in duplicate
 Application - Rule 1.53(b) Divisional (____ pgs.) Notice of Appeal Fee Transmittal, in duplicate
 Application - Rule 1.53(b) CIP (____ pgs.) Petition for Extension of Time
 Application - Rule 1.53(d) CPA Transmittal (____ pgs.) Petition for _____
 Application - Design (____ pgs.) Postcard
 Application - PCT (____ pgs.) Power of Attorney (____ pgs.)
 Application - Provisional (____ pgs.) Preliminary Amendment (____ pgs.)
 Assignment and Cover Sheet Reply Brief (____ pgs.)
 Certificate of Mailing Response to Notice of Missing Parts
 Declaration & POA (____ pgs.) Small Entity Declaration for Indep. Inventor/Small Business
 Disclosure Docs. & Orig. & Copy of Inventor's Signed Letter (____ pgs.) Transmittal Letter, in duplicate
 Drawings: 5 # of sheets includes 9 figures Fee Transmittal, in duplicate

Other: Cited Art (5)
 Request & Certification under 35 USC 122(b)(2)(B)(i)

FEE TRANSMITTAL FOR FY 2004

(FY 2004 Begins 10/01/2003)

TOTAL AMOUNT OF PAYMENT (\$) 846.00

Complete if Known:

Application No. Not yet assignedFiling Date HerewithFirst Named Inventor Dinesh AnnayyaExaminer Name Not yet assignedArt Unit Not yet assignedAttorney Docket No. 16820.P279 Applicant claims small entity status. See 37 CFR 1.27.

METHOD OF PAYMENT (check all that apply)

 Check Credit Card Money Order Other None Deposit AccountDeposit Account Number : 02-2666

Deposit Account Name: _____

 The Director is Authorized to do the following with respect to the above-identified Deposit Account:
Charge fee(s) indicated below. Credit any overpayments. Charge any additional fees during the pendency of this application. Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged. Charge fee(s) indicated below except for the filing fee.

FEE CALCULATION

1. BASIC FILING FEE

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	Fee
Code	(\$)	Code	(\$)
1001	770	2001	385
1002	340	2002	170
1003	530	2003	265
1004	770	2004	385
1005	160	2005	80
		Utility application filing fee	<u>770.00</u>
		Design application filing fee	_____
		Plant filing fee	_____
		Reissue filing fee	_____
		Provisional application filing fee	_____

SUBTOTAL (1) \$ 770.002. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims <u>22</u>	<u>- 20** = 2</u>	<u>X 18.00</u>	<u>= 36.00</u>
Independent Claims <u>3</u>	<u>- 3** = 0</u>	<u>X 86.00</u>	<u>=</u>
Multiple Dependent			

**Or number previously paid, if greater; For Reissues, see below.

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>
Fee	Fee	Fee
Code	(\$)	Code
1202	18	2202 9
1201	86	2201 43
1203	290	2203 145
1204	86	2204 43
1205	18	2205 9
		Claims in excess of 20
		Independent claims in excess of 3
		Multiple dependent claim, if not paid
		**Reissue independent claims over original patent
		**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$.36.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>		<u>Small Entity</u>			
Fee	Fee	Fee	Fee	<u>Fee Description</u>	<u>Fee Paid</u>
Code	(\$)	Code	(\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1813	8,800	1813	8,800	Request for inter parties reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1809	770	2809	385	For filing a submission after final rejection (see 37 CFR 1.129(a))	
1814	110	2814	55	Statutory Disclaimer	
1810	770	2810	385	For each additional invention to be examined (see 37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	
1505	300	1505	300	Publication fee for republication	
1803	130	1803	130	Request for voluntary publication or republication	
1808	130	1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	
1454	1,330	1454	1,330	Acceptance of unintentionally delayed claim for priority	

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ 40.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Daniel E. Ovanezian

Signature:  Date: 3/16/04

Reg. Number: 41,236 Telephone Number: (408) 720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor Dinesh Annaya
Title CYCLICAL REDUNDANCY CHECK USING NULLIFIERS

Attorney Docket No. 16820.P279

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

3/16/04
Date


Signature

Daniel E. Ovanezian
Typed or Printed Name

41,236
Registration No.

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months after the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(ii)).**

Send to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.